

AIMS FUNCTIONS AND STATUTES OF SRI VENKATESWARA DIGITAL LIBRARY

I The Management of the Tirumala Tirupati Devasthanams has proposed to set up a digital Library for preserving the most valuable ancient texts, manuscripts, inscriptions, sculpture, etc. in the form of digital data by using the latest technology and make it available to the world through electronic media, in association with different governmental, quasi-governmental and religio-philanthropic organizations all over the world. It has become imperative when the globe has become very small with the introduction of computers and internet! The salient feature of this library is that all the ancient knowledge available in original sources with their translations in English and Indian vernaculars will be accessible on the internet.

II. The objects of this Sri Venkateswara Digital Library are

- (i) To develop a permanent Library of Indian Wisdom for posterity in the form of digital data.
- (ii) To establish a well equipped and well connected Website Library of Indology.
To promote original research through various TTD projects to throw light up on various facets of Sanatana Manava Dharma
- (iii) To work in collaboration with similar Libraries, Research Institutes and Universities for enlarged and broad based activities.
- (iv) To receive grants from research organizations, Central and State Governments and gifts, donations, benefactions, bequests and transfers of properties, both movable and immovable from donors, benefactors, testators or transferers, as the case may be.
- (v) To propagate the ideals of Tirumala Tirupati Devasthanams in furtherance of well being of humanity.
- (vi) To demand and receive such fees, deposits and other charges as may be prescribed regulations.
- (vii) To deal with property belonging or vested in the Library in any manner which is considered necessary for promoting the said objects.
- (viii) To provide adequate information about the Temples and their rituals in and around Tirupati and Tirumala, so that the pilgrims enjoy a memorable and soul satisfying pilgrimage
- (ix) To spread the awareness of the glories of Sanatana Dharma and to resuscitate the fundamental values based on Truth, Joy and Beauty Satyam, Sivam and Sundaram.
- (x) To spread the knowledge and philosophy of Hinduism, Hindu Culture, the Epics, Puranas, History, Mythology, Indian Sciences etc., side by side with the tenets of Comparative Religion.

- (xi) To promote art and culture and all outstanding works, treatises, publications and manuscripts relating to the various forms, styles and modes of presentation of art including Vedic recitations, fine arts, dance, drama, music, folk arts, folk music, marshal arts, painting, epigraphs, fairs and festivals
 - (xii) To do all other such deeds and things either alone or in conjunction with others as are incidental or conducive to the attainment of the objects stated here in or any of them,
- III The Control, Administration and management of the affairs of the Institute shall rest in accordance with the regulations of the Governing Council of Sri Venkateswara Digital Library
- IV The Sri Venkateswara Digital Library is a purely temporary project and after the completion of the project all the materials and equipment shall be transferred to any of the TTD Institutions or projects as decided by the TTD management.

V **Governing Council :**

There shall be a Governing Council consisting of nine members, namely,

- 1 Executive Officer, TTD – Chairman
2. Joint Executive Officer, TTD – Vice-chairman
- 3 Director, S.V. Digital Library
- 4 FA&CAO, TTD
5. DLO, TTD
6. Consultant/Director/Dy E O , SVCL&RC
7. Secretary, Dharma Prachara Parishad
8. Director, Annamacharya Project, TTD
9. Expert, S.V. Digital Library

Note The Chairman of the S V Digital Library may increase the number of members of the Governing Council as deemed necessary from time to time

VI. Powers and functions of the Governing Council:

- (a) All properties, movable or immovable or of any other kind shall rest with the management of TTD
 - (b) The business and affairs of the S V Digital Library shall be carried on and managed by the office bearers of the Governing Council
 - (c) The Governing Council shall have all such powers and shall perform all such functions as are necessary or proper for the achievement of the furtherance of the S.V. Digital Library
 - (d) Without prejudice to the generality of the foregoing provisions the Governing Council shall exercise and perform the following powers and functions namely.
- i) Acquire by way of gift, purchase, exchange, lease or otherwise on behalf of TTD
 - ii) Maintain properties of the Library
 - iii) Appoint the requisite number of committees and sub-committees for disposal of any business of the Library or tendering advice on any matter pertaining to the S.V. Digital Library

- (e) Appoint from time to time such and so many officers and other employees and on such terms and conditions as it may deem fit for carrying on the management and affairs of the S V Digital Library
- (f) Appoint such skilled/unskilled persons and on such terms and conditions as it may deem fit for the work undertaken by the project
- (g) Exercise control and discipline over the employees for SVDL, including the powers of dismissal

VII. Office bearers of the Governing Council :

- (a) Chairman Executive Officer
- (b) Director, S V Digital Library Appointment by invitation on contract
- (c) FA&CAO, TTD, Tirupati.

VIII. Powers and functions of the Office Bearers of the Governing Council:

(i) Chairman :

The Chairman shall preside over the meetings of the Governing Council and exercise all the powers of the Chairman under the regulations

(ii) Vice-Chairman:

The Vice Chairman shall preside over the meetings of the Governing Council in the absence of Chairman

(iii) Director

- a) The Director shall issue notices for all meetings of the Governing Council, Advisory Board, Committees and sub-committees, after obtaining the approval of the Chairman.
- b) He shall keep and maintain minutes of the Governing Council and the Committees
- c) He shall sign all documents and correspondence for and on behalf of the S.V. Digital Library
- d) He shall make or cause to make all the disbursements on proper vouchers and receive all moneys on proper receipts for and on behalf of S V. Digital Library
- e) He shall keep and maintain all records of S V Digital Library.
- f) He shall perform all functions and exercise all powers which may be delegated or assigned to him by the Chairman of the Governing Council and Advisory Board.

IX. Advisory Board :

(a) There shall be an Advisory Board consisting of the following members .

(1) TTD Officials

- (1) Secretary, Dharma Prachara Parishad
- (2) Director, Annamacharya Project
- (3) Director, Alwar Divyaprabhandha Project
- (4) Special Officer, Bhagavata Project
- (5) Special Officer, Dasasahitya Project
- (6) Editor, TTD
- (7) Public Relations Officer, TTD
- (8) FA&CAO, TTD
- (9) Devasthanams Law Officer

- (10) Devasthanams Educational Officer
- (11) Consultant, SVCLRC
- (12) Dy E O S V C.L & R C

(11) Technical Advisors

Nominated by the Executive Officer, TTD

(111) Subject Experts

Nominated by the Executive Officer, TTD

X. Functions of the Advisory Board :

The members of the Advisory Board shall participate in the development of new technologies and strategies in the compilation of the data and validation of the work done by different personnel in the project of Digitization

XI. General Body:

All the members and office bearers of different committees shall be members of the General Body. It shall give suggestions and directions for improving the quality in the functioning of the Digital Library in terms of its usefulness to the public in general and to the devotees of Lord Venkateswara in particular

Note The Sri Venkateswara Digital Library is a time bound temporary project of TTD and hence all the personnel involved in the project excluding the office bearers of TTD are purely temporary and on contract basis or on remuneration basis. At the time of winding up the project, the property and funds of the Digital Library remain after full satisfaction of its liabilities shall be given to an Institute with similar aims and objectives

SRI VENKATESWARA DIGITAL LIBRARY

PROJECT PROPOSAL

**P. Krishnaiah, IAS
Executive Officer**

**Tirumala Tirupati Devasthanams
Tirupati – 517 501
2001**

**PROJECT PROPOSAL
FOR
SRI VENKATESWARA DIGITAL LIBRARY**

Chief Patron

**Sri N. Chandra Babu Naidu, Chief Minister
Government of Andhra Pradesh, Hyderabad**

Patrons

**Sri Dandu Sivarama Raju, Minister for Endowments,
Government of Andhra Pradesh, Hyderabad**

**Sri A.V. S. Reddy, Chairman, Specified Authority,
Tirumala Tirupati Devasthanams, Tirupati**

Chairman

**Sri P. Krishnaiah, Executive Officer,
Tirumala Tirupati Devasthanams, Tirupati.**

Director, Digital Library:

Chief Project Advisor

Dr. Raj Reddy, Herbert A. Simon Professor, Carnegie Mellon, USA

Governing Council:

Chairman

Sri P. Krishnaiah, Executive Officer, TTD

Vice-Chairman.

Sri K. Narayana, Joint Executive Officer, TTD, Tirupati

Members:

- 1 Prof M.Srimannarayana Murthi, Director
- 2 Sri S. Nagaiah, FA&CAO, TTD
- 3 Sri T. Bhaktavatsalam, DLO, TTD
- 4 Sri M.R Chandran, Retired Librarian, S V University & Consultant, SVCLRC
- 5 Prof. H.S. Brahmananda, Secretary, DPP
- 6 Dr. M. Mohan, Director, Annamacharya Project & Alwar Divyaprabhandha Project
- 7 Dy E O. S.V. Central Library and Research Centre
- 8 Prof. D.Prahlada Char, Vice-Chancellor, Rashtriya Sanskrit Vidyapeetha, Tirupati.

Advisory Board :

(i) TTD Officials

- 1 Prof H S Brahmananda, Secretary, DPP
- 2 Dr M Mohan, Director, Annamacharya Project & Alwar Divyaprabandha Project
- 3 Sri N C V. Narasimhacharya, Special Officer, Bhagavata Project
- 4 Sri Appanacharya, Special Officer, Dasa Sahitya Project
- 5 Dr N S. Ramamurthy, Editor
- 6 Sri Nagaiah, FA&CAO, TTD ~
- 7 Sri P Subhash Goud, PRO ~
- 8 Sri T Bhaktavatsalam, DLO ~
- 9 Sri J Subramanyam, DEO ~
- 10 Sri M R. Chandran, Retired Librarian, S V. University & Consultant, SVCLRC
- 11 Dy E O S V. Central Library and Research Centre ~

(ii) Technical Advisors

- 1 Dr N Balakrishna, Indian Institute of Science, Bangalore
- 2 Dr V S Arunachalam, Carnegie Mellon
- 3 Dr Gloriana St Clair, University Librarian, Carnegie Mellon
- 4 Dr Michael Lesk, National Science Foundation, USA
- 5 Dr. K.V Madhu Murthy, Associate Professor, Computer Science Engineering, S V U Engineering College, Tirupati
- 6 Dr. P Ramanujan, Group Coordinator, Indian Heritage Group, Centre for Development of Advanced Computing, 2/1 Bruton Road, Bangalore-560025
- 7 Dr Rajiv Sangal, Professor & Head, Language Technologies Research Centre, Indian Institute of Information Technology, Hyderabad – 500019
- 8 Dr T V Prabhakar, Professor of Computer Science & Engineering, Indian Institute of Technology, Kanpur – 208016
- 9 Dr S. Venkataraman, Deputy Director, Advanced Data Processing Research Institute (ADRIN), Department of Space, Government of India, Akbar Road, Tarbund, Secunderabad – 500003
- 10 Dr S.S. Agarwal, Scientist G & Head, Speech & Information Technology Group, Central Electronics Engineering Research Institute Centre, CSIR Complex, NPL Campus, Hillside Road, New Delhi – 110 012.
- 11 Dr. Sadagopan, Professor & Head, Computer Science Department, IIIT, Bangalore.
- 12 Dr A.G Ramakrishnan, Indian Institute of Science, IIIT, Bangalore.
- 13 Dr. R.V. Avadhanulu, Veda Bharati, Sanjeevareddy Nagar, Hyderabad

(ii) Subject experts:

To be nominated by the Chairman, S.V. Digital Library

Participating Organisations:

1. Sri Venkateswara University, Tirupati
2. Sri Padmavathi Mahila University, Tirupati
3. Rashtriya Sanskrit Vidyapeetha, Tirupati
4. Dravidian University, Kuppam
5. Oriental Research Institute, S.V University, Tirupati.
6. Academy of Sanskrit Research, Melkote-571431
7. Purna Prajna Samsodhana Mandiram, Bangalore
8. Ahobila Math Sanskrit College, Madhurantakam, Tamil Nadu.
9. Chinmaya International Foundation, Veliyannad, Kerala

- 10 Indian Heritage Group, C-DAC, Bangalore
- 11 Sastra Group, Jawaharlal Nehru University, New Delhi – 110 067
- 12 Language Technologies Research Centre, IIIT, Hyderabad – 500019.
- 13 Central Institute of Indian Languages, Manasagangotri, Mysore-570006.

I. AIMS OF THE DIGITAL LIBRARY :

Through a self explanatory and user friendly operating system the literature available on all aspects of Indian Culture will be made available on the internet in all Indian languages besides English and Sanskrit along with sound recordings, images and animations The Paper, palm-leaf and birch-burk manuscripts written in different scripts will be scanned and made available with quick and easy retrieval methods

II. USERS OF THE PROGRAM :

1. Students of Sanskrit, Indian Languages, Indian Culture, Religion, Philosophy, Ancient Indian History, Archaeology, Epigraphy, Folklore, Performing Arts, Sociology, Anthropology and Linguistics – in particular acoustic phonology
- 2 Researchers in comparative studies
- 3 Any amateur enthusiast

III. DESIGN OF THE PROGRAM

To suit to the different types of users, the whole matter could be accessed through any Indian language with facilities for machine translation The user friendly software provides facilities for enhancing utilities and enlargement of data from any corner of the world The information can be communicated through any electronic media like floppy, compact, disk, e-mail or internet

IV. COMPONENTS OF THE LIBRARY :

- 1 Texts
- 2 Manuscripts
- 3 Sculptures
- 4 Murals
- 5 Edifices
- 6 Epigraphs
- 7 Sound Archives
- 8 Performing Arts
- 9 Fairs and festivals

V. LANGUAGES :

English will be the main language for linking the databases in different Indian languages Sanskrit texts form the main source material and translations in different Indian languages are linked to Sanskrit texts At present in the S.V Digital Library books in Sanskrit, Telugu and Tamil will be scanned and digitized.

VI. DATABASE FILES:

The Corpora of the literature will be stored in image form through scanning of books and manuscripts. Simultaneously Indian scripts will be entered in Microsoft Word. The facilities for conversion of the images through OCR will be utilised where available

VII. LOCATION :

The Sri Venkateswara Digital Library will be located in the 1st floor of the Sri Venkateswara Central Library and Research Centre in the Eastern Hall

VIII. EQUIPMENT:

The following equipment is required in the first stage to start the project

| | | |
|-----|---|--------|
| 1) | Well equipped computers with all accessories like CD Writer, Multi-media, internet modem and printers | 3 Nos |
| 2) | Computers with heavy hard-disk capacity to scan and to enter data | 10 Nos |
| 3) | Gist terminals | 10 Nos |
| 4) | Generator | 1 No. |
| 5) | Stand by UPS to support 20 PCs | 1 No |
| 6) | Digital Camera | 1 No |
| 7) | Scanners A4 size | 3 Nos |
| 8) | Scanners A3 size (to scan palmleaf MSS of odd size) | 2 Nos |
| 9) | Inkjet Printers (to take proofs) | 4 Nos |
| 10) | Laser Printers | 2 Nos. |

IX. COLLABORATION WITH SISTER ORGANISATIONS

Many Institutions in India are engaged in Xeroxing, microfilming and scanning of manuscripts and rare printed books. In order to avoid duplication on the one hand and to save time on the other, willing Institutions will be associated as collaborators with exchange of the data. To mention the Rashtriya Sanskrit Vidyapeetha at Tirupati is running a project called *Sanskrit Net* similar to S V Digital Library, for scanning manuscripts and digitizing Sanskrit texts

A copy of the digitized text will be given complementarily to the Institutions which support the project by donating/lending the books, manuscripts, paintings, animations, sound archives, etc

X. PLAN OF ACTION :

The literature in each of the four languages namely English, Sanskrit, Telugu and Tamil is classified into 99 subjects (see Appendix-I). From each branch a minimum of 5 books in all the four languages will be taken up for scanning and digitization. Besides these books, the Bhagavata (Sanskrit), the Sankirtanalu of Annamacharya (Telugu), Nalayiradivyaaprabhandha of Alwars (Tamil), the Vedic texts will be digitized, so that they will become base material for different research projects of TTD

XI. DATA ENTRY PROCESS :

For reasons of non-availability of OCR for Indian languages, the data shall be entered into computer manually, besides scanning. It is impossible to obtain data entry operators knowing Indian scripts. So the data entry process is to be executed as is done in the Rashtriya Sanskrit Vidyapeetha under the counseling of CDAC, Pune/Bangalore. The process takes five stages for being user friendly

| Stage | Work executed | Purpose |
|-------|---------------|-------------------------------|
| I | Data entry | Keying of the text |
| II | Proof Reading | Document organisation |
| III | Editing | Production in the text format |
| IV | Pausa form | Splitting of compound words |
| V | Page analysis | Breaking of sandhi |

Of the above the first three stages are to be executed compulsorily Pausa form and page analysis are needed to post documentation work like indexing, classification and retrieval An attempt will be made in course of time for development of a mechanical device in consultation with the research institutions engaged in this type of work

Till such time scholars in the respective fields of specialization will be assigned with proofreading, editing, pauza making and page analysis

A tentative remuneration pattern is arrived at as follows:

| | Rs. |
|--|-------|
| 1. Scanning of each image | 0 50 |
| 2 Entering data in English per a page 2000 bytes of ACT text | 6 00 |
| 3 Entering data in Telugu, Tamil per page | 8.00 |
| 4 Entering data in Sanskrit per page | 10.00 |
| 5 Proof reading English | 6 00 |
| 6 Proof reading Telugu | 8 00 |
| 7 Proof reading Sanskrit | 10 00 |
| 8 Editing | 5 00 |

XII ACCOMMODATION

To execute the above works the lecture hall which was earmarked for the digital library should be partitioned into seven units as follows.

| | |
|------------------------------------|---|
| 1. Director and Technical Advisors | 1 |
| 2 CD Disk Library | 1 |
| 3 Scanning and Digitization halls | 2 |
| 4 Proof reading and Editing | 1 |
| 5 Audio and Video | 1 |
| 6 Office | 1 |

Necessary modifications will be made by the Chief Engineer, TTD

XIII. FUNTIONING OF THE LIBRARY :

It shall be headed by a Director who is a domain expert with experience in handling computers in Indian languages He shall coordinate with the sister organisations and members of the Advisory Committee and other committees He shall supervise the running of the project and be directly responsible to the Principal Investigator, i.e., the Executive Officer. He shall be assisted by the following ministerial staff.

| | |
|-------------------------------|----------------|
| 1 Assistant Executive Officer | |
| 2 Superintendent | |
| 3. Senior Assistant | |
| 4. Stenographer | |
| 5. Junior Assistant | |
| 6 Attenders | 6 for 3 shifts |

The above staff shall look after the financial matters, supervise the running programmes, copyright permissions, acquisition of books and other materials, besides office routine.

The Digital Library shall be supported by the following Committees.

Governing Council

Consisting of TTD Trust Board or the Specified Authority.

Copy right Committee Consisting of the Executive Officer,
Devasthanams Law Officer, Public
Relations Officer and Editor and other
appointed members

Finance Committee Consisting of the Executive Officer,
F A &C.A O , and other related officials
of TTD

XIV. BUDGET ESTIMATES FOR THE FIRST PHASE (2001-2002) :

Estimated Expenditure for the first year

I Salaries

| | | |
|---|--|---------------|
| A) Director - 1 | | |
| @ Rs 25,000/- p m x 12 (consolidated) | | = Rs 3,00,000 |
| B) Programmer -1 | | |
| @ Rs 10,000/- p m. x 12 (consolidated) | | = Rs 1,20,000 |
| C) CD Disk Librarian - 1 | | |
| @ Rs 10,000/- p m x 12 (consolidated) | | = Rs 1,20,000 |
| D) Maintenance Engineer -1 | | |
| @ Rs 7000/- p m x 12 (consolidated) | | = Rs 84,000 |
| E) Computer Operators - 3 | | |
| @ Rs 5,000/- p m x 3 x 12 (consolidated) | | = Rs 1,80,000 |

II Remunerations

(Estimates are made on the basis of 5 Scanners, 10 data entry
computers with 20 persons engaged in each shift of 6 hours for
18 hours per day)

| | |
|---|-----------|
| i) For scanning 20,00,000 images per year @ Rs. 0 50 paisa per image | 10,00,000 |
| ii) For data entry in Telugu, Tamil, Sanskrit (The rates are as per the rates paid by the Rashtriya Sanskrit Vidyapeetha, Tirupati for their Sanskrit-Net programme) | |
| a) Entering, Proofreading, Editing @ Rs. 25/- of a computer page of 2000 bytes in ACI text for 1,62,000 pages in Sanskrit, Telugu and Tamil | 40,50,000 |
| b) Pausa form making @ Rs 25/- & Page analysis @ Rs. 15/- per page (only for Annamacharya Keertanas and Bhagavata) | 7,06,000 |

II Other Expenditure :

| | |
|---|----------|
| i) Sitting allowance to the Technical Advisers (to paid at Rs 200/- per day) | 50,000 |
| ii) T.A. and D.A. to the visiting experts | 2,00,000 |

| | |
|--|--------------------------|
| iii) Training | 2,00,000 |
| iv) Internet, Website, Telephone etc | 3,00,000 |
| v) Stationery, Computer accessories, Repairs | 5,00,000 |
| vi) Contingencies, postage etc | 25,000 |
| vii) Binding of books | 10,000 |
| viii) Cleaning of manuscripts | 10,000 |
| ix) Compact disks, other consumables and accessories | 1,45,000 |
| x) Establishment of the Centre with Acs Generator UPS etc . | 20,00,000 |
| Total Estimated Expenditure during 2001-02 | ----- 1,00,00,000 |
| * I Salaries | Rs 8,04,000 |
| II Remuneration | Rs 57,56,000 |
| III Other expenditure | Rs 34,40,000 |
| Total | ----- 1,00,00,000 |

APPENDIX – I

CLASSIFICATION OF SUBJECTS

- 00 **GENERAL**
 - 01 Exposition (Charts, Maps etc)
 - 02 Library Science
 - 03 Reference works
 - 1 Dictionaries
 - 2 Lexicons
 - 3 Encyclopedias
- 04 Periodicals
- 05 Societies, Conferences etc
- 06 Exhibitions
- 07 Museums
- 08 Collected Works
- 09 Year-Books
- 10 **VEDA AND VEDANGA**
- 11 Mantra
 - 11.1 Rig Veda
 - 11.2 Yajur Veda
 - 11.3 Sama Veda
 - 11.4 Atharva Veda
- 12 Brahmana
 - 12.1 Rig Veda
 - 12.2 Yajur Veda
 - 12.3 Sama Veda
 - 12.4 Atharva Veda
- 13 Upanishad
 - 13.1 Rig Veda
 - 13.2 Yajur Veda
 - 13.3 Sama Veda
 - 13.4 Atharva Veda
- 14 Siksa
 - 14.1 Pratisakhya
- 15 Vyakarana
 - 15.1 Panini
 - 15.2 Sakatayana
 - 15.3 Katantra
 - 15.4 Ugdhabodha
 - 15.5 Hemacandra
 - 15.6 Sarasvata
 - 15.7 Saupadma
 - 15.8 Others
 - 15.9 Prakrit
- 16 Chandas
 - 16.1 Sanskrit
 - 16.2 Prakrit
- 17 Nirukta
- 18 Jyotisa
 - 18.1 Ganita
 - 18.2 Gola
 - 18.3 Phala
- 19 Kalpa etc.
 - 19.1 Srauta
 - 19.2 Grhya

- 20 **DHARMASAstra**
- 21 Sutra
- 22 Smrti
- 23 Law
 - 1 Man
 - 2 Woman
- 24 Ethics
- 25 Ramayana
- 26 Mahabharatha
- 27 Bhagavadgita
- 28 Purana
 - 1 Upa-purana
- 29 Mahatmya
 - 1. Sthala
 - 2. Jala
 - 3. Vrata
- 30 **ARTHASASTRA**
- 31 History
 - 1 Ancient
 - 2 Medieval
 - 3 Modern
- 32 Statistics
- 33 Politics
- 34 Administration
- 35 Economics
- 36 Sociology
 - 1 Anthropology
- 37 Biography
- 38 Geography
 - 1 Commerce
- 39 Education
- 40 Literature
- 41 Poetry
 - 1 Epic
 - 2 Lyric
- 42 Song
 - 1. Hymn
- 43 Prose
- 44 History
- 45 Drama
 - 1 Nataka
 - 2 Natika
 - 3 Prakarana
 - 4 Prahasana
 - 5 Others
- 46 Correspondence
- 47 Rhetoric
- 48 Erotics
- 49 Philology (Linguistics)
- 50 Science
- 51 Mathematics
 - 1 Arithmetic
 - 2 Algebra
 - 3 Geometry
 - 4 Trigonometry
- 52 Physics
- 53 Chemistry (Alchemy)

- 54 Geology
- 55 Paleontology
- 56 Botany
- 57 Biology, Zoology
- 58 Psychology
- 59 Astronomy 1 Astrology
- 60 **USEFUL ARTS**
- 61 Medicine
- 62 Engineering
- 63 Agriculture
- 64 Domestic Science
- 65 Labour Slavery
- 66 Manufacture
- 67 Mechanic Art
- 68 Building
- 69 Archery
- 70 **FINE ARTS**
- 71 Mantra
- 72 Architecture
- 73 Sculpture
- 74 Engraving
- 75 Drawing-Design
- 76 Painting
- 77 Photography
- 78 Music, Dancing
- 79 Amusement
- 80 **PHILOSOPHY**
- 81 Nyaya-Vaisesika
 - 1 Nyaya
 - 2 Vaisesika
- 82 Sankhya-Yoga
 - 1 Sankhya
 - 2. Yoga
- 83 Mimamsa
- 84 Vedanta
 - 1. Advaita
 - 2. Visisitadvaita
 - 3. Dvaita
- 85 Tantra . Saiva
 - 1. Sakta
 - 2. Pasupata
 - 3. Virasaiva
- 86 Trantra . Vaisnava
- 87 Bauddha
 - 1. Jaina
- 88 Western
- 89 Theosophy
 - 1 Chinese
 - 2. Japanese
 - 3. Greater Asia
 - 4. Swedenborgism
- 90 **RELIGION**
- 91 Comparative
- 92 Sanatana (Hindu) Dharma
- 93 Outcomes thereof
 - 1. Sikhism
 - 2. Brahmoism

- 3 Aryasamaj
- 94 Buddhism
 - 1 Jaina
- 95 Islam
 - 1. Sufism
- 96 Zoroastrianism
- 97 Confucianism
- 98 Christianity
 - 1 Hebraism
- 99 Others Supernaturalism, Spiritualism, Mysticism

APPENDIX - II

The following institutions are engaged in the data entry of different books in Sanskrit

| S No | Name of the Institution | Field of specialization |
|------|---|---|
| 1 | Rashtriya Sankrit Vidyapeetha, Tirupati. Sastras Nodal Unit | |
| 2 | C-DAC, Bangalore | Krishna Yajurveda Brahmana & systems design |
| 3 | Purna Prajna Samsodhana Mandiram, Dvaita Vedanta works Bangalore | |
| 4 | Academy of Sanskrit Research, Melkote | Visistadvaita Vedanta works |
| 5 | Ahobila Math Sanskrit College, Madhurantakam, Tamilnadu | Visistadvaita Vedanta works |
| 6 | Chinmaya International Foundation, Advaita Vedanta works Veliyanadu, Kerala | |
| 7 | Chinmaya Mission, Kanpur | Bhagavadgita |

An attempt will be made to establish operational collaboration and cooperation with the above institutions to avoid duplication. All other organizations engaged in similar work will also be identified and co-ordinated. Before the Editorial Committee prepares the Ground list for scanning and digitization, and necessary copyright permissions are sought, the Digital Library begins the work of scanning and digitization with the books of the TTD projects. Besides the TTD project works, the following works will also be scanned and digitized (excluding English text). Whenever translations are available in Telugu, Tamil and English they will also be scanned and digitized simultaneously. The first target task in the first quarter of the Phase-I program of 2001-2002 shall be as follows:

| S.No. | Name of the Book | Remarks |
|-------|---|---|
| 1 | Tallapaka Pada Sahityamu (Telugu) (29 books are available in reprint) | TTD Project |
| 2 | Nalayira Divya Prabandham (Tamil) (books are available in SVUORI) | TTD Project |
| 3. | Srimadbhagavatm (Sanskrit) (Press copy is ready) | TTD Project |
| 4 | Rgveda-Samhita (Vedic) (Audio CDs of Andhra, Tamilnadu, Maharashtra, Karnataka and Kerala recitations are available) | TTD Project Audio recordings will be linked |
| 5. | Vaikhanasa-mantra-prasna (The rituals in the Tirumala temple are performed with the recitation of mantra from this book) | TTD Veda Pathasala Audio and Video recordings will be linked |
| 6 | Bharatakosa | TTD Publication |

| | | |
|----|---|-----------------|
| 7 | Atri-Samhita | TTD Publication |
| 8 | Kasyapajanananakanda | TTD Publication |
| 9 | Paramatmikopanisad | |
| 10 | Rigveda Brahmanas (Aitareya & Kausitaki) | |
| 11 | Rigveda Aranyakas | |
| 12 | Rigveda Upanisads | |
| 13 | Satapatha Brahmana | |
| 14 | Manusmrti | |
| 15 | Yajnavalkyasmrti | |
| 16 | Grhyasutras (Sankhayana-grhyasutra, Asvalayana-grhyassutra, Paraskara-grhyasutra, Khadira-grhyasutra, Gobhila, Hiranyakesin, Apastamaba, Yajnaparibhasasutras) | |
| 17 | Atharvaveda | |
| 18 | Caraka-samhita | |
| 19 | Ahirbudhnya-samhita | |
| 20 | Laksmitantra | |

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